

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-9. (Canceled).

10. (New) A radio communication apparatus comprising:

a reception section that receives an orthogonal frequency division multiplex (OFDM) signal;

a reception quality measuring section that measures reception quality of each subcarrier in the received OFDM signal;

a subcarrier selection section that selects subcarriers where higher reception quality is measured;

a channel quality indicator (CQI) generating section that generates a CQI according to the reception quality of the selected subcarriers; and

a reporting section that reports the generated CQI and information indicating the selected subcarriers to a communicating party.

11. (New) The radio communication apparatus according to claim 10, wherein said subcarrier selection section selects subcarriers of reception quality equal to or higher than a threshold based on reception quality and a threshold decision against a threshold reported from the communicating party.

12. (New) The radio communication apparatus according to claim 11, wherein said threshold is controlled adaptively according to an amount of traffic in a cell in which there is the radio communication apparatus and neighboring cells.

13. (New) The radio communication apparatus according to claim 10, wherein said subcarrier selection section selects the same number of subcarriers reported from the communicating party.

14. (New) The radio communication apparatus according to claim 13, wherein said number of subcarriers is controlled adaptively according to an amount of traffic in a cell in which there is the radio communication apparatus and neighboring cells.

15. (New) The radio communication apparatus according to claim 11, wherein said subcarrier selection section selects subcarriers from the subcarriers restricted beforehand out of all subcarriers.

16. (New) A communication terminal apparatus comprising the radio communication apparatus according to claim 10.

17. (New) A radio communication method comprising the steps of:
selecting subcarriers of higher reception quality;

generating a channel quality indicator (CQI) according to reception quality of the selected subcarriers; and

reporting the generated CQI and information showing the selected subcarriers to a communicating party.

18. (New) A radio communication system comprising:

a base station apparatus that sends information which becomes a selection criterion of subcarriers, to a communication terminal apparatus; and

a communication terminal apparatus that comprises:

a subcarrier selection section that selects subcarriers of higher reception quality based on selection criterion information sent from said base station apparatus and reception quality of each subcarrier;

a channel quality indicator (CQI) generating section that generates a CQI according to the reception quality of the selected subcarriers; and

a reporting section that reports the generated CQI and information indicating the selected subcarriers to said base station apparatus.